## CLAIMS

- 1. A curable polyester having at least one oxetanyl group at the molecular ends.
- 2. The curable polyester according to claim 1, which is obtained by transesterification of a compound (A) represented by the following formula (1):

$$R^{1}$$
  $R^{2}$  OH Formula (1)

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(wherein  $R^1$  represents a hydrogen atom or an alkyl group having 1 to 6 carbon atoms, and  $R^2$  represents an alkylene group having 1 to 6 carbon atoms), a compound (B) represented by the following formula (2):

Formula (2)

(wherein R<sup>3</sup> represents a di- to tetra-valent organic group, R<sup>4</sup> represents an alkyl or alkenyl group having 1 to 6 carbon atoms, and n represents an integer of 2 to 4) and a compound (C) represented by the following formula (3):

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Formula (3)

(wherein  $R^5$  represents a di- to eicosa-valent organic group, and m represents an integer of 2 to 20).

3. A curable polyester having an oxetanyl group at both molecular ends according to claim 1 or 2, which has a structure represented by following formula (4):

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$$R' \cap R^2 \cap R^3 \cap R^$$

(wherein R1 represents a hydrogen atom or an alkyl group

having 1 to 6 carbon atoms,  $R^2$  represents an alkylene group having 1 to 6 carbon atoms,  $R^6$  and  $R^7$  each represents a divalent organic group, and 1 represents an integer of 0 to 50).

- 4. A cured product obtained by curing the curable polyester of any one of claims 1 to 3.
  - 5. A process for preparing a curable polyester, which comprises transesterifying a compound (A) represented by the following formula (1):

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$$R^1$$
  $R^2$  OH Formula (1)

(wherein R<sup>1</sup> represents a hydrogen atom or an alkyl group having 1 to 6 carbon atoms, and R<sup>2</sup> represents an alkylene group having 1 to 6 carbon atoms), a compound (B) represented by the following formula (2):

 $R^{3}-(COOR^{4})_{n}$  Formula (2)

(wherein  $R^3$  represents a di- to tetra-valent organic group,  $R^4$  represents an alkyl or alkenyl group having 1 to 6 carbon atoms, and n represents an integer of 2 to 4) and a compound (C) represented by the following formula (3):

$$R^{5}-(OH)_{m}$$
 Formula (3)

- 30 (wherein R<sup>5</sup> represents a di- to eicosa-valent organic group, and m represents an integer of 2 to 20).
  - 6. A resist composition comprising the curable polyester of any one of claims 1 to 3.
- 7. The resist composition according to claim 6,
  wherein the content of the curable polyester is from 3 to
  50% by weight based on the resin component of the
  composition.

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- 8. An ink comprising the resist composition of claim 6 or 7 and a colorant.
- 9. A method for curing a resist composition, which comprises, performing pattern printing of the resist composition of claim 6 or 7 on a substrate, and curing a curable polyester of any one of claims 1 to 3 while melting with heating.
- 10. The method for curing a resist composition according to claim 9, wherein a heat melting or heat curing temperature of the curable polyester of any one of claims 1 to 3 is from 40 to 250°C.
- 11. A heat cured product of the resist composition of claim 6 or 7.
- 12. An insulation protective film comprising a cured product of the resist composition of claim 6 or 7.
- 13. An interlayer insulation film comprising a cured product of the resist composition of claim 6 or 7.
- 14. A print circuit board comprising the insulation protective film of claim 12.
- 15. A print circuit board comprising the interlayer insulation film of claim 13.
  - 16. A jet printing ink composition comprising the curable polyester of any one of claims 1 to 3.
- 17. The jet printing ink composition according to claim 16, wherein the content of the curable polyester of any one of claims 1 to 3 is from 3 to 50% by weight based on the resin component of the composition.
- 18. The jet printing ink composition according to claim 16, which comprises an epoxy resin (B) as the resin component other than the curable polyester of any one of claims 1 to 3.
- 19. The jet printing ink composition according to claim 16, wherein resins in the essential component composition are dissolved in a solvent (C) or dispersed in the solvent (C).
- 20. The jet printing ink composition according to claim 19, wherein the solvent (C) contains a solvent

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component having a boiling point of 180 to 260°C and a vapor pressure at 20°C of 133 Pa or less in the amount of 60% by weight or more based on the total amount of the solvent.

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21. A cured product obtained by drying and heating the solvent (C) of jet printing ink composition of claim 19 or 20.

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- 22. A method for curing a jet printing ink composition, which comprises, performing pattern printing on a substrate using the composition of any one of claims 16 to 20 according to an ink jet system, and curing the curable polyester of any one of claims 1 to 3 while melting with heating.
- 23. An insulation protective film comprising a cured product of the jet printing ink composition of any one of claims 16 to 20.
- 24. An interlayer insulation film comprising a cured product of the jet printing ink composition of any one of claims 16 to 20.
- 25. A print circuit board comprising the insulation protective film of claim 23.
- 26. A print circuit board comprising the interlayer insulation film of claim 24.